

FIG. 1

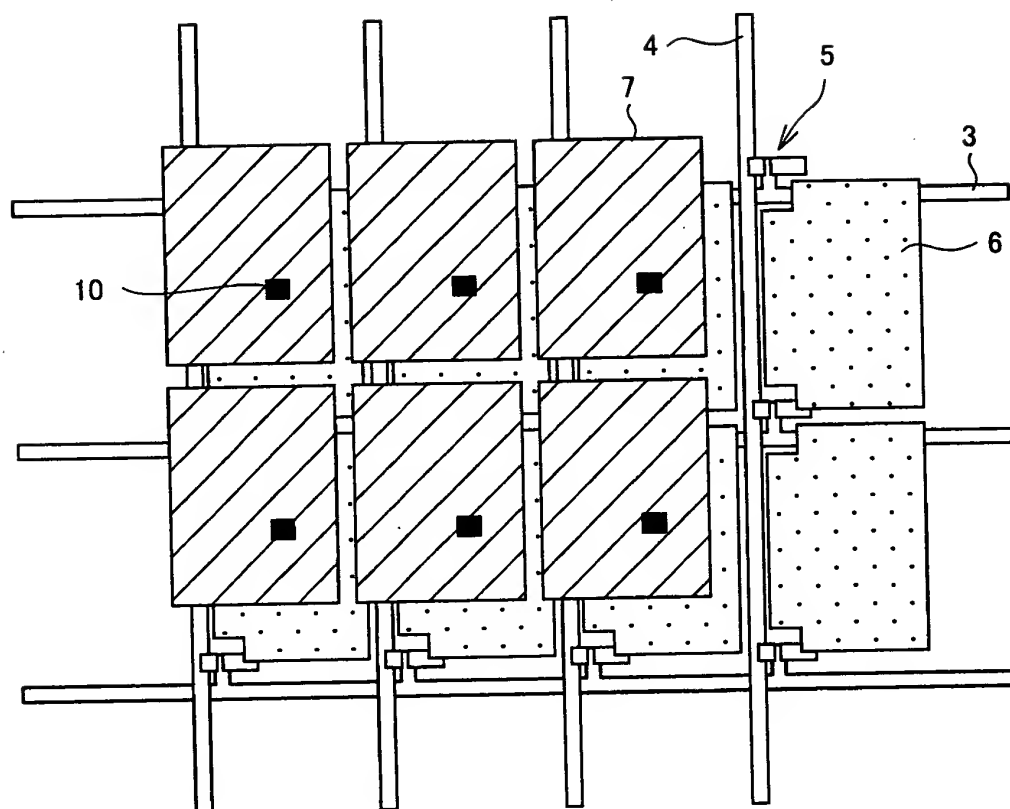


FIG. 2

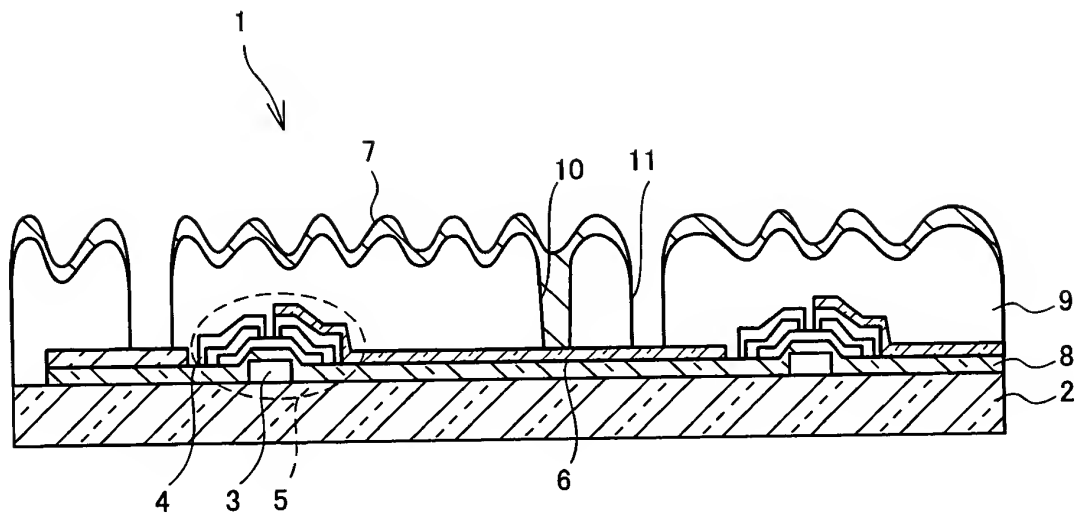


FIG. 3

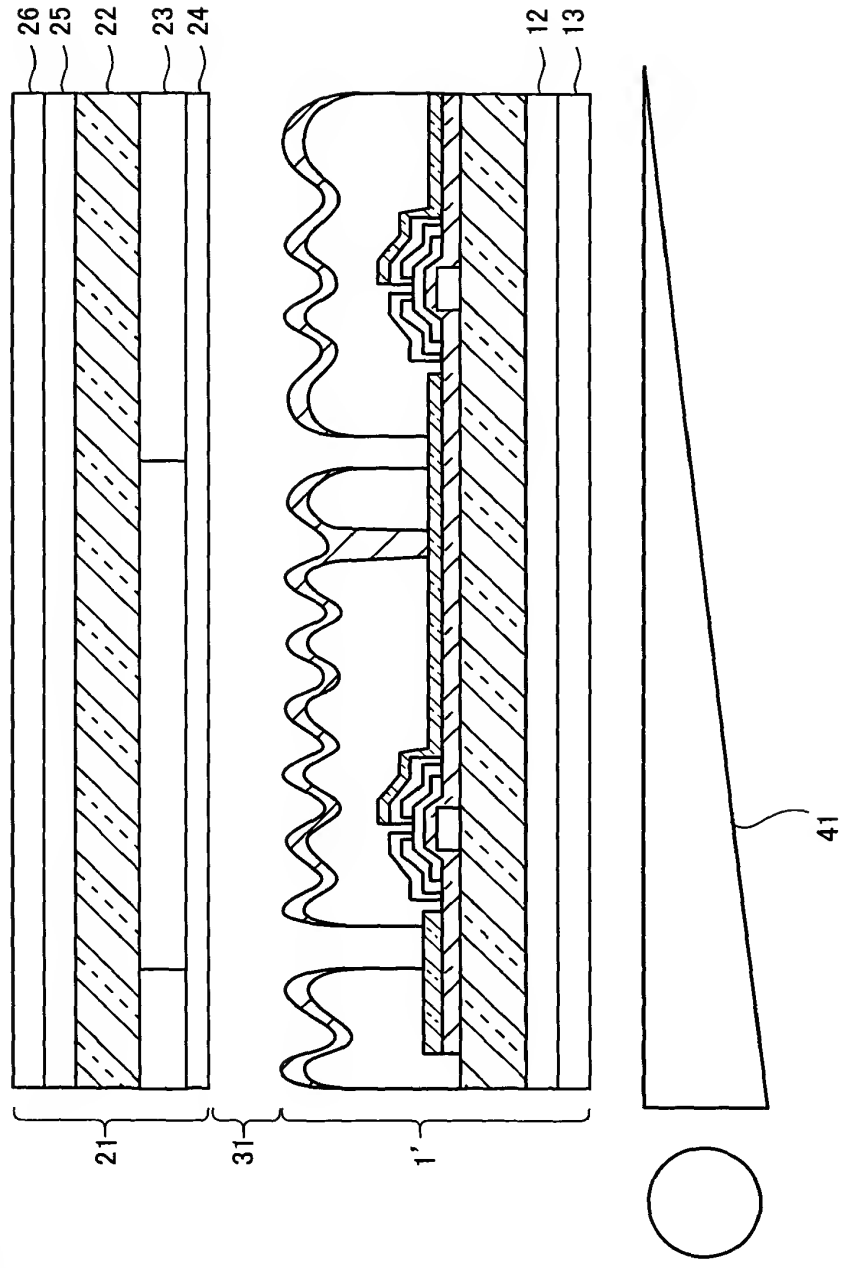


FIG. 4 (a)

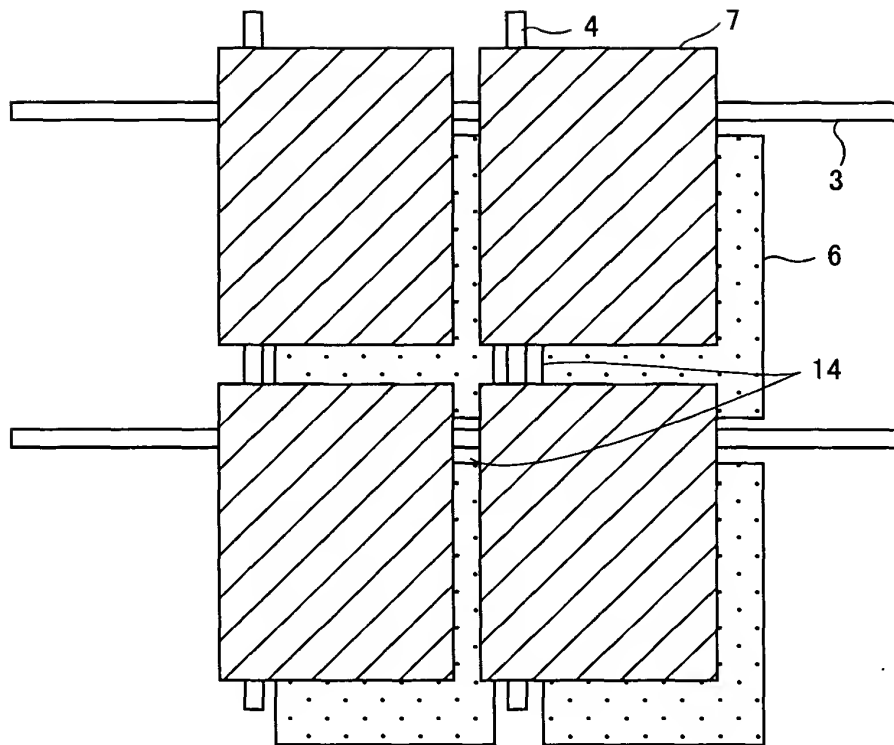
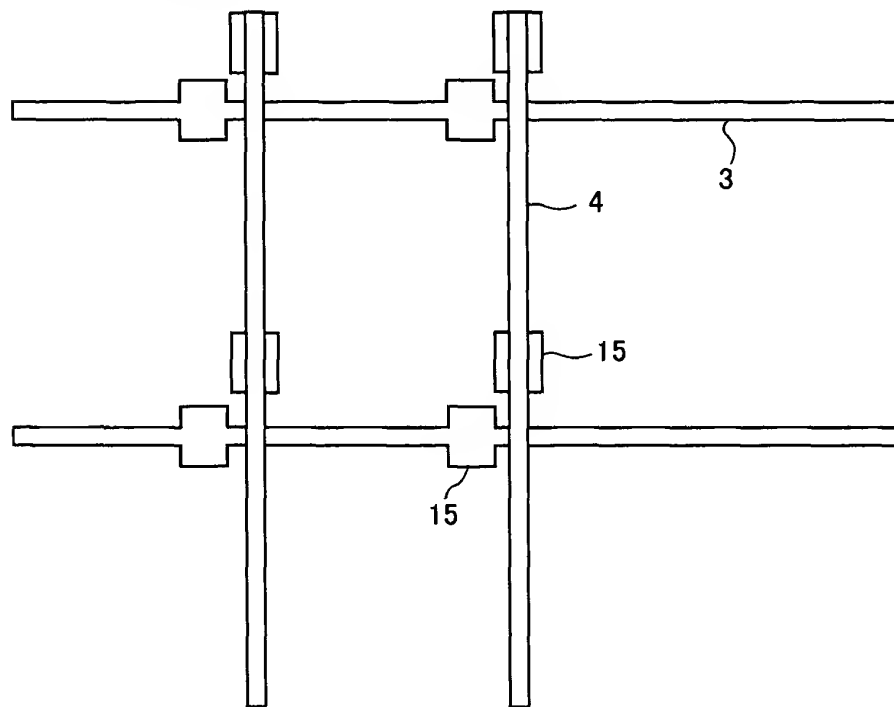


FIG. 4 (b)



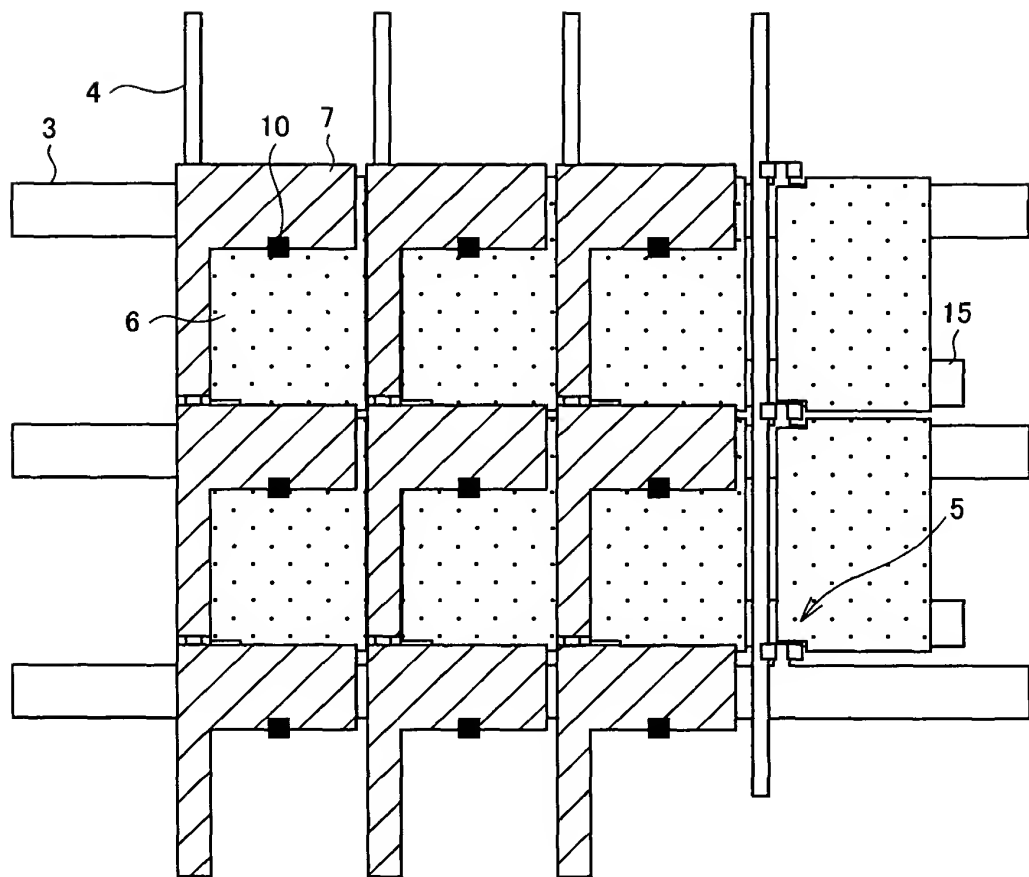


FIG. 6

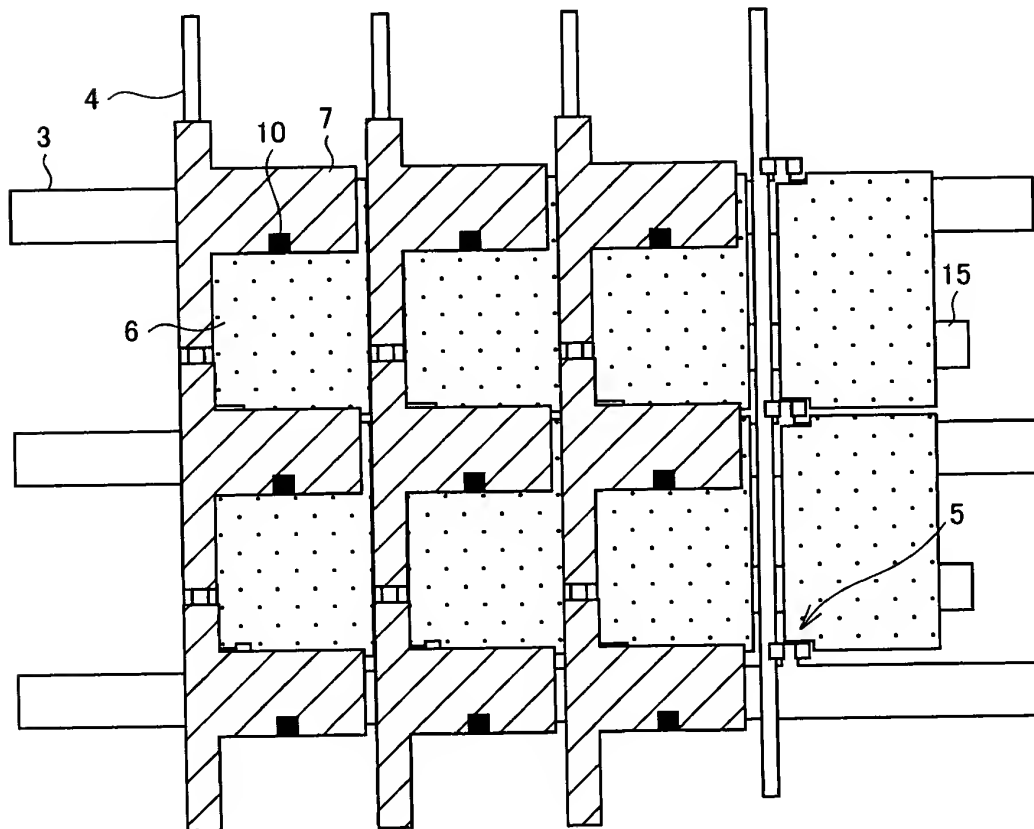


FIG. 7

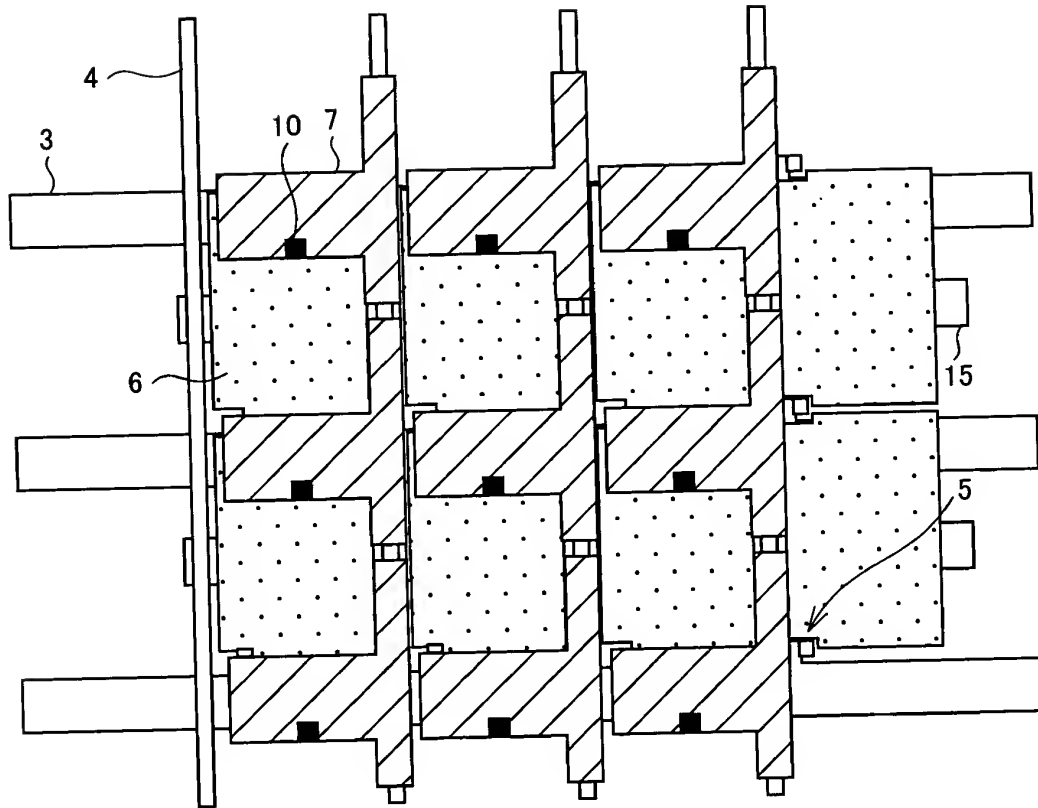


FIG. 8

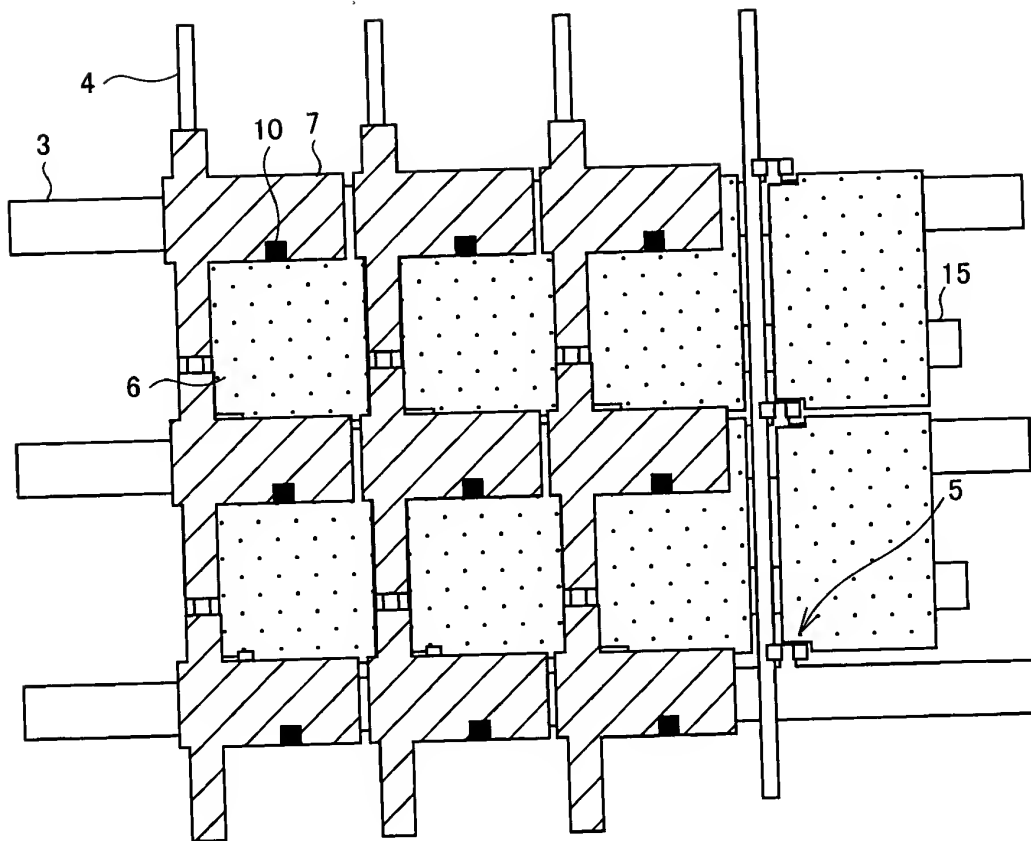




FIG. 9

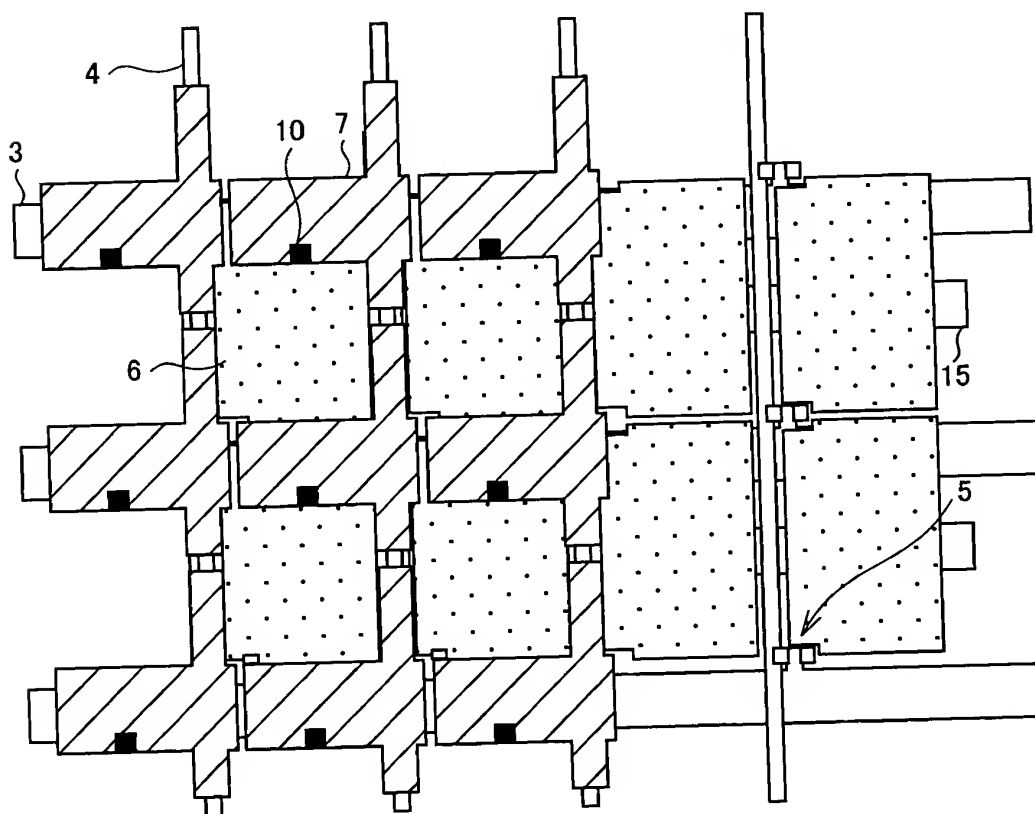


FIG. 10

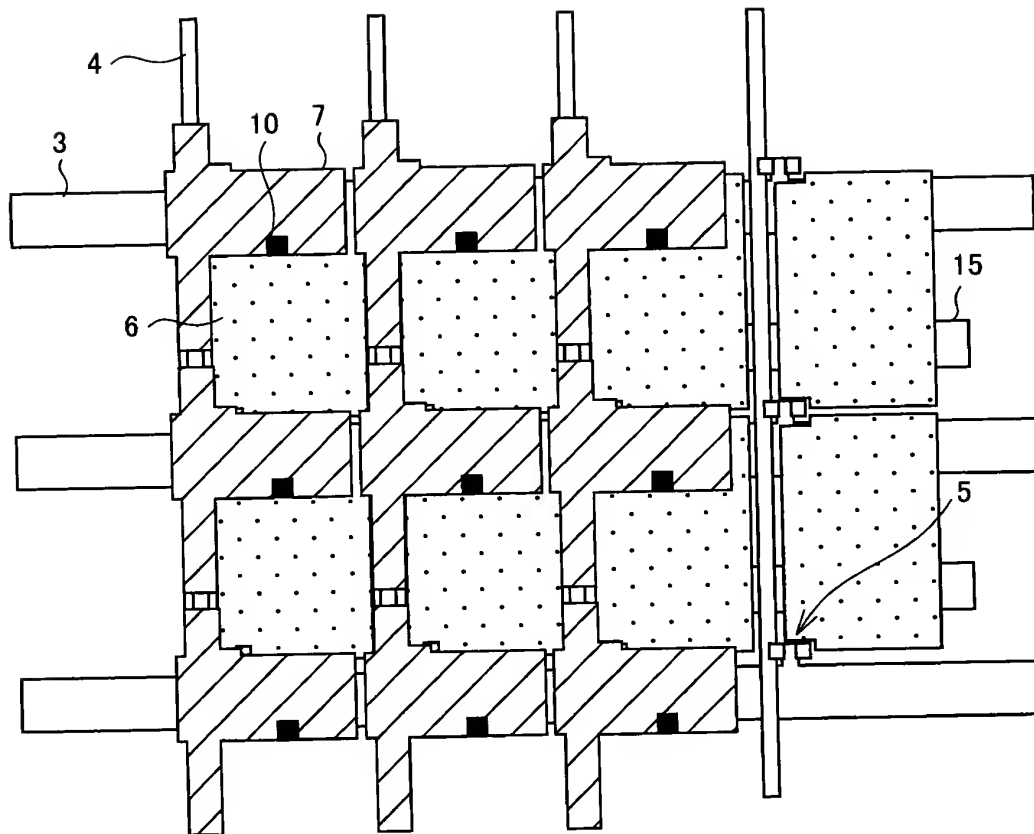


FIG. 11

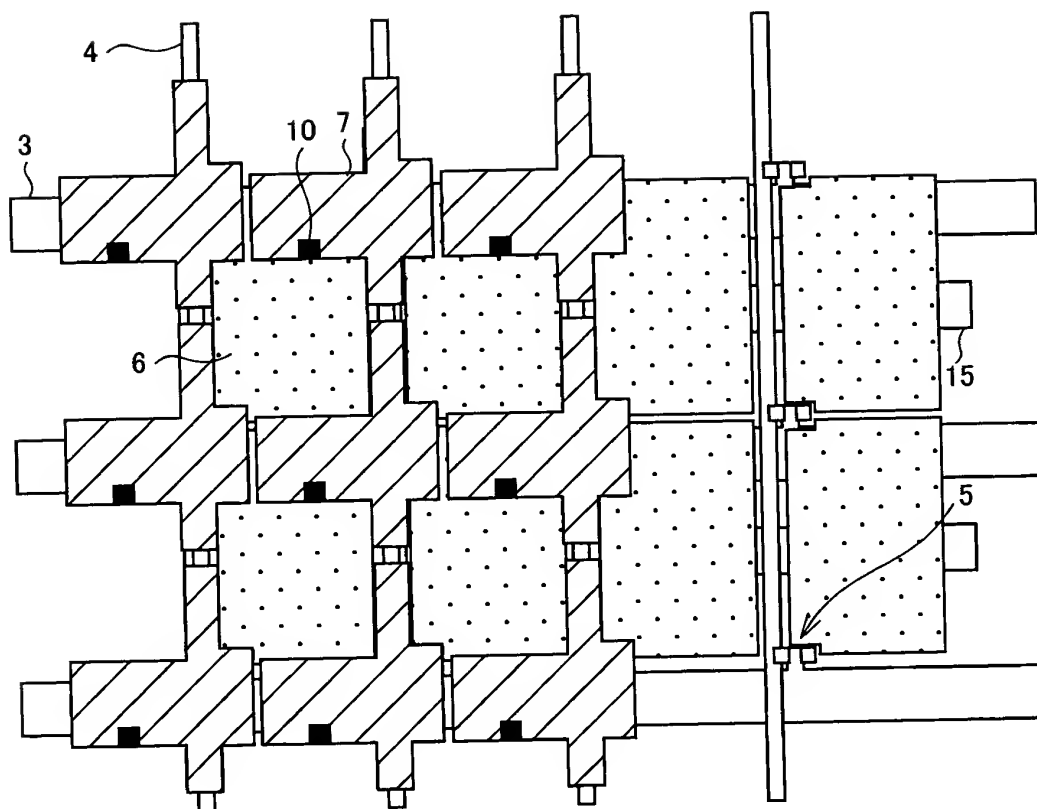
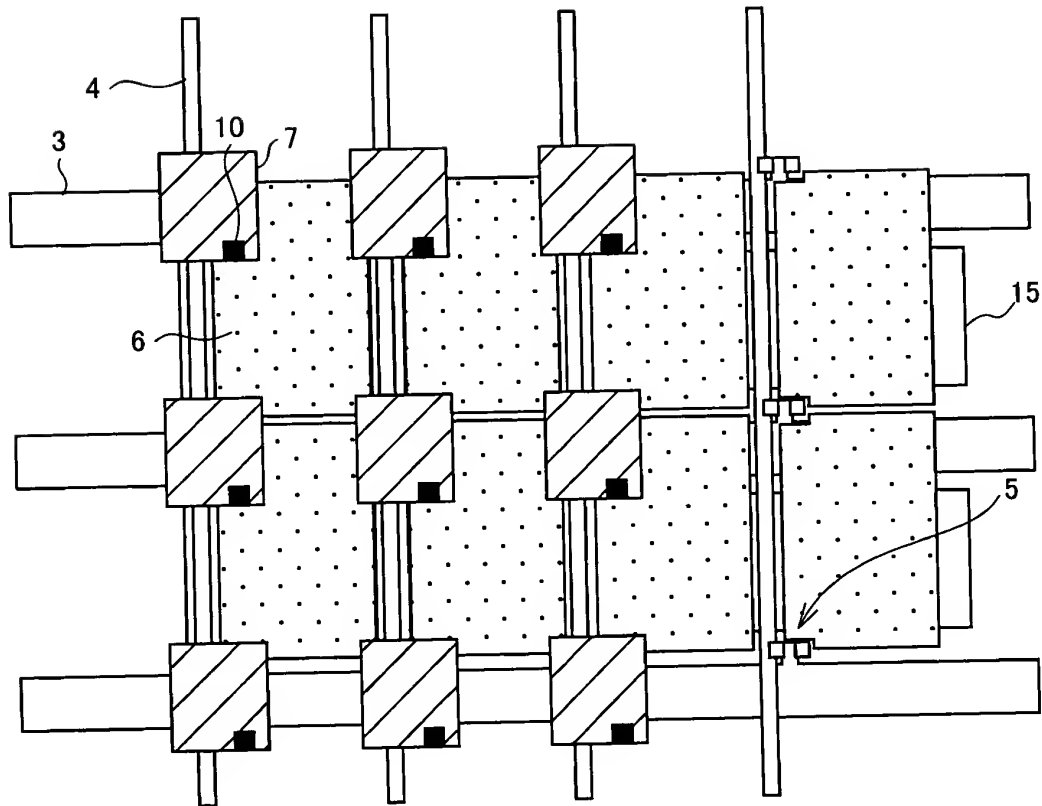


FIG. 12



The diagram illustrates a complex multi-channel system. A central 3x3 grid of square components (7) is interconnected by a network of channels (3, 4, 6). A large rectangular area (5) with a dotted pattern is positioned on the right, connected to the grid via a vertical channel (15). Various ports and connections are labeled with numbers 3 through 15.

Fig. 1 is a schematic diagram of a multi-lane assay plate. The plate consists of a 2x3 grid of wells. Each well contains a sample (hatched area 7) and a detection element (black square 10). The plate is held in a frame (4) with a support bar (3) at the bottom. A reagent reservoir (6) is connected to the wells via a manifold system (5) on the right side.

FIG. 15

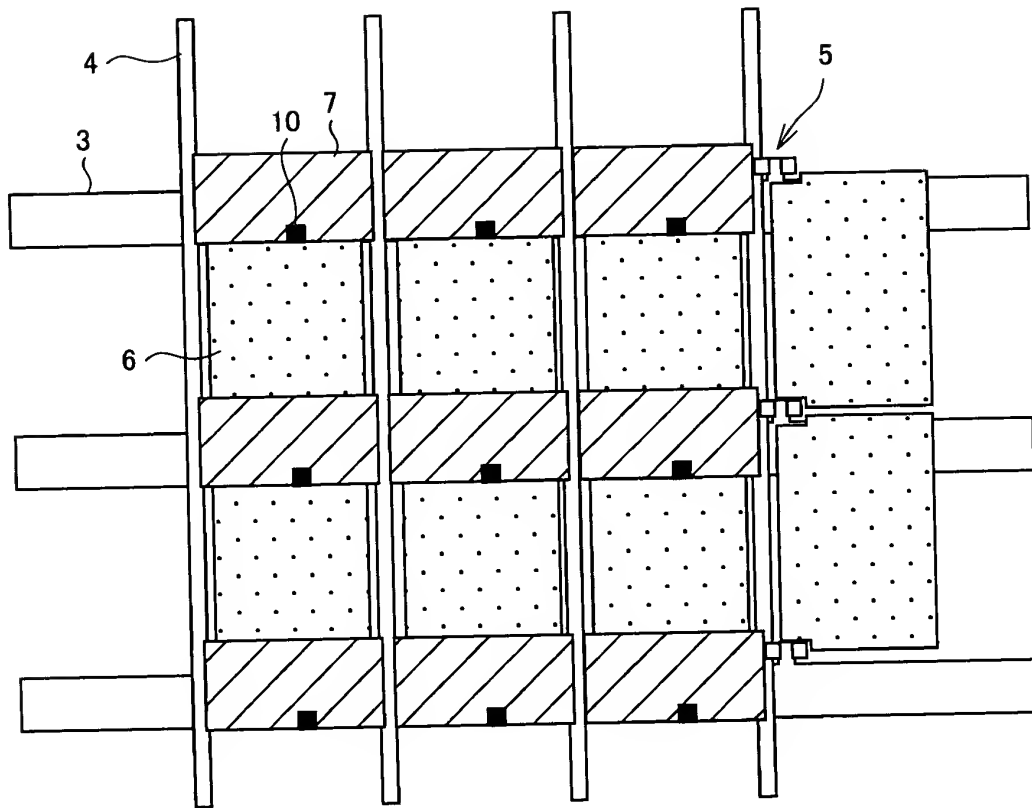


FIG. 16

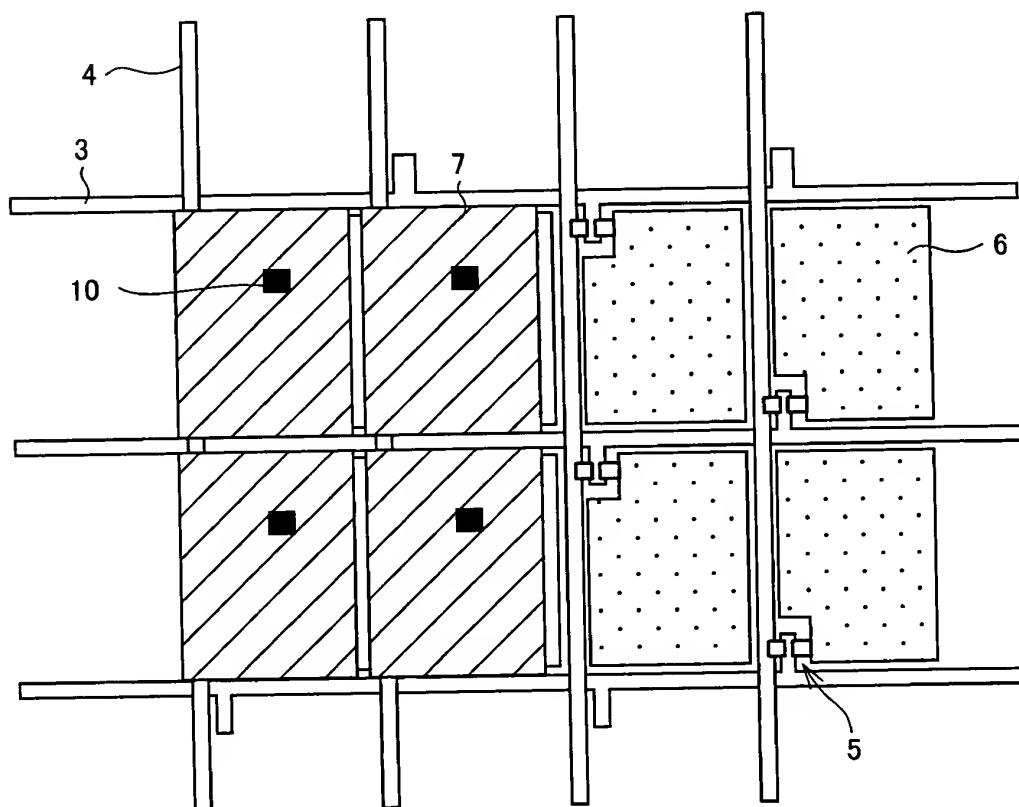




FIG. 17

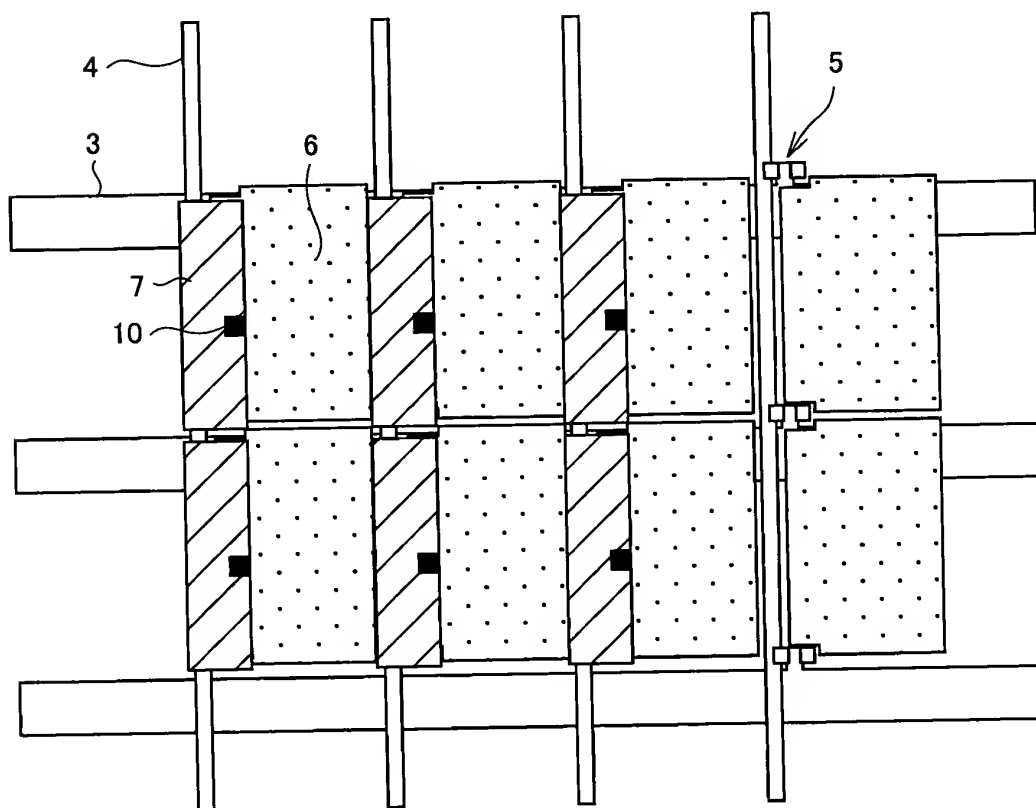


FIG. 18

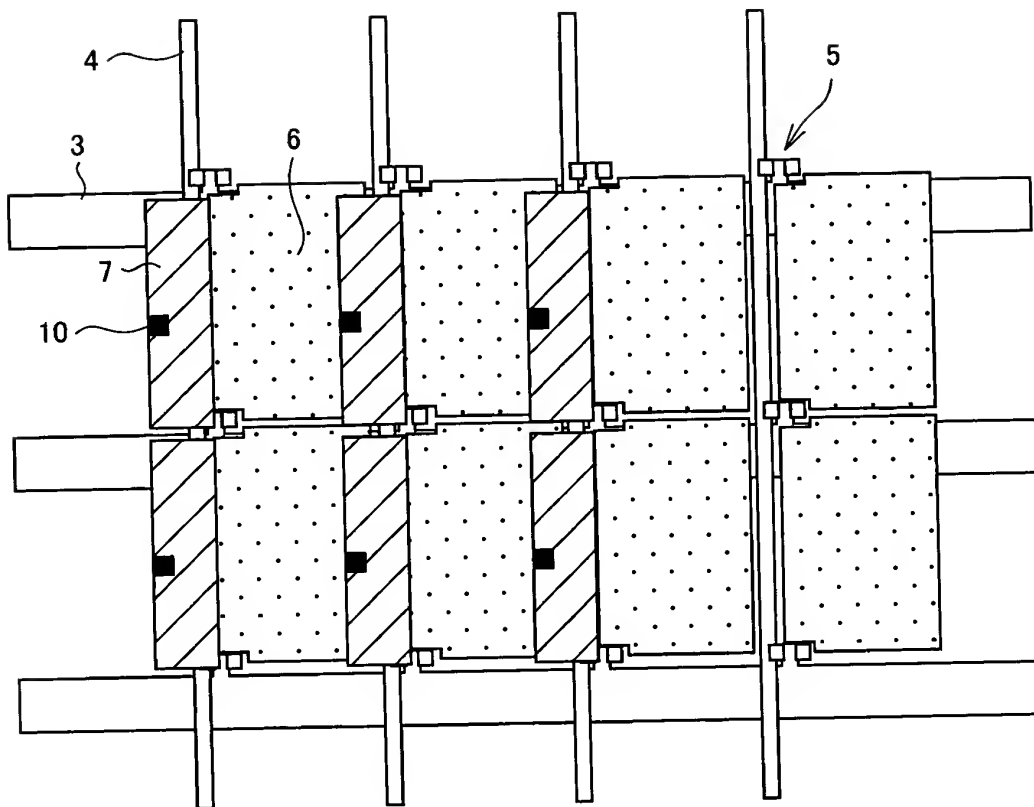


FIG. 19

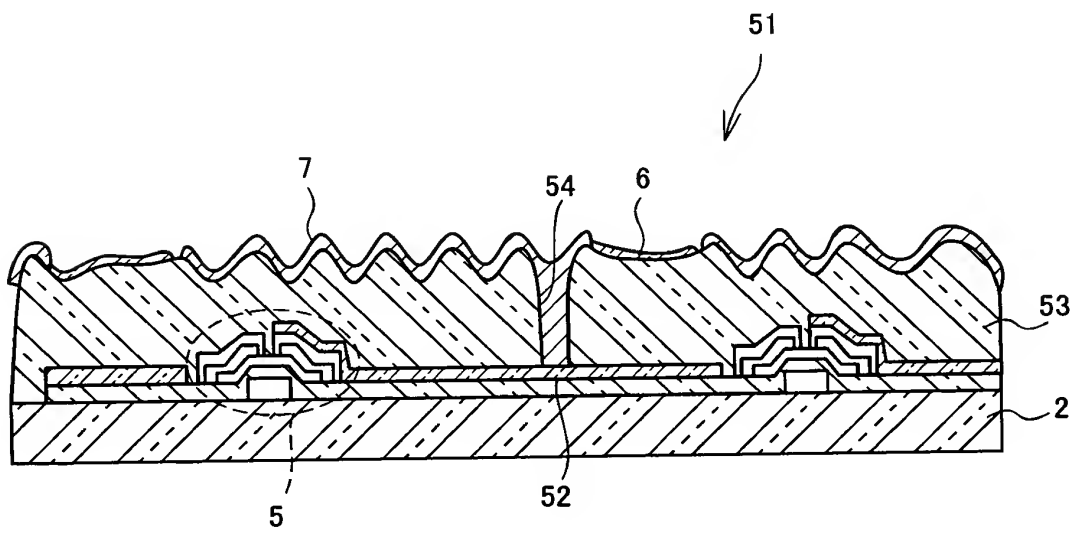


FIG. 20

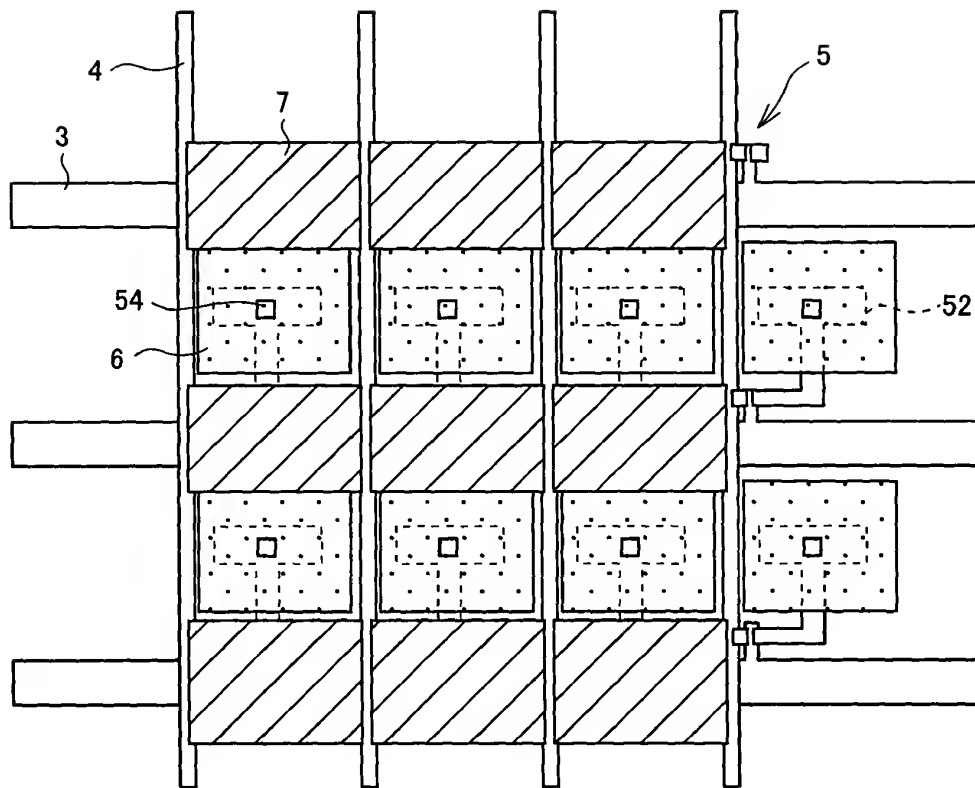


FIG. 21 (a)

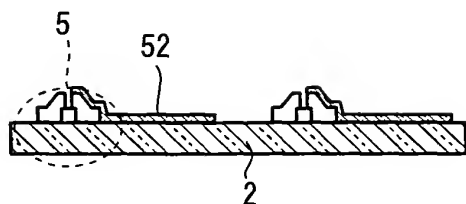


FIG. 21 (f)

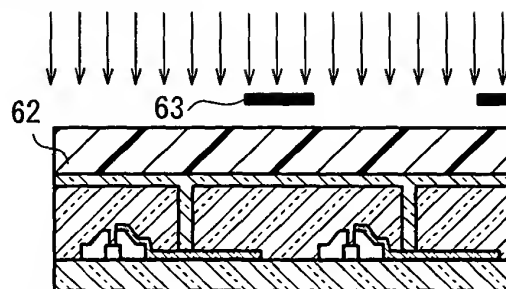


FIG. 21 (b)

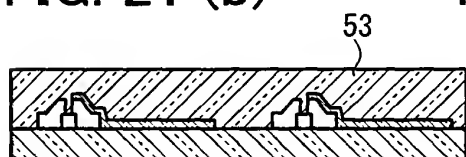


FIG. 21 (g)

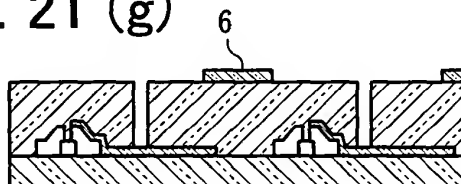


FIG. 21 (c)

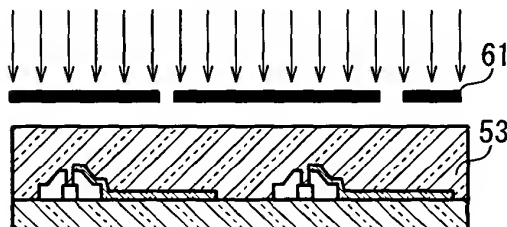


FIG. 21 (h)

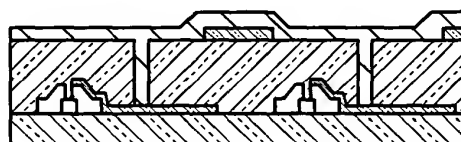


FIG. 21 (d)

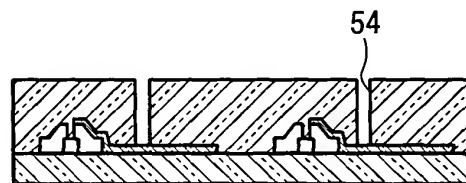


FIG. 21 (i)

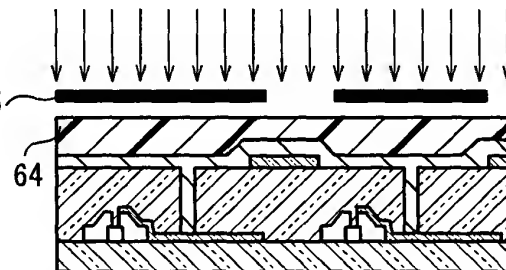


FIG. 21 (e)

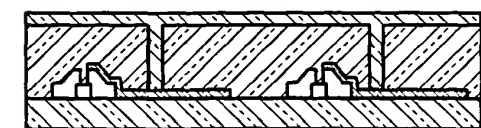


FIG. 21 (j)

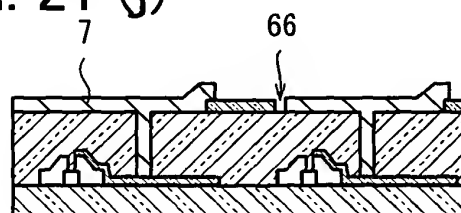


FIG. 22

